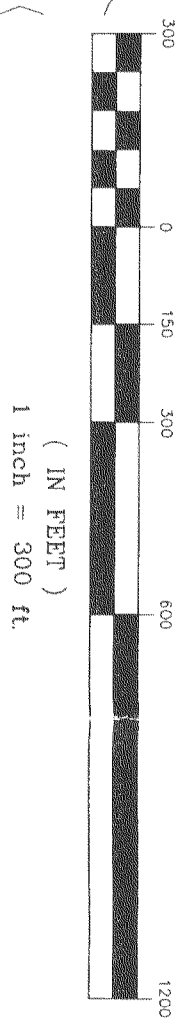




GRAPHIC SCALE



BORROW MATERIAL QUANTITIES

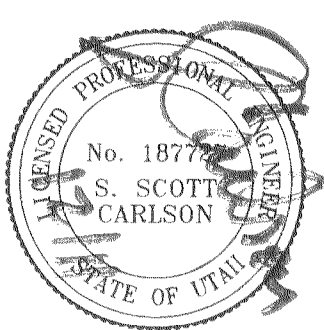
4' Borrow Cap	X 87.78 Acres	=	566,473 CY
2' Borrow Cap	X 13.73 Acres	=	44,302 CY
1.5' Borrow Cap	X 33.64 Acres	=	81,409 CY
Total Borrow			= 692,184 CY

Scarify Soil Prior To Seeding	=	51.6 AC
Regrade, Scarify & Replace Topsoil	=	9.0 AC
Topsoil	=	7,928 CY

Notes:

1. At the time of final reclamation four feet of borrow material will be placed over areas that are occupied by unsuitable plant growth medium, as determined by testing. This includes slurry ponds and cells, and the upper refuse pile.
2. At the time of final reclamation two feet of borrow material will be placed over areas of borrow material that have been previously been covered with two feet of borrow material.
3. At the time of final reclamation up to eighteen inches of borrow material will be placed over areas which have some refuse on the surface only. These areas will have up to eighteen inches of refuse material, as determined by testing, scraped from the surface before being capped. The depth of material removed or added will be based on testing at the time of Reclamation. This scraped material will be used as fill for the slurry ponds and cells before they are capped with borrow material.
4. At the time of final reclamation, areas which have no refuse will be scarified to assist revegetation.
5. At the time of final reclamation, areas which have had tonsils removed and stockpiled, will have the topsoil redistributed. These areas will be scarified to reduce potential slippage of the redistributed material and to assist revegetation.
6. Some areas may be upgraded as necessary to meet the post-mining land use prior to placement of borrow material, (replacement of topsoil, or scarification of existing soil).
7. Minimal grading will be utilized to redistribute the dumped borrow materials sufficient to cover the reclaimed sites. The borrow materials will be spread unevenly to create small depressions which will retain moisture, minimize erosion, create and enhance wildlife habitat, and assist revegetation.

Δ	6/11	EXCESS SPOIL DISPOSAL AREA 2 CHANGES	AH	
Δ	11/10	BOUNDARY AND TOPO UPDATES	AH	
Δ	10/02	2002 PERMIT RENEWAL	AH	
Δ	9/97	PERMIT RENEWAL-UPDATES	AH	
Δ	10/95	RECLAMATION AREAS	AH	
Δ	7/94	ADDED COAL PILE AREA	LK	
REV	DATE	DESCRIPTION	BY	APP'D



9-11-94

SCALE

PROJECT NO.

Sunnyside Cogeneration Associates
 PERMIT TERM RECLAMATION PLAN
 BORROW MATERIAL PLAN

TWIN PEAKS

2264 NORTH 1450 EAST LEHI, UTAH 84043
(801) 450-3511, (801) 439-0700 FAX

SHEET	DESIGNED	AH
	DRAWN	AH
	CHECKED	SSC